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182
Attorney Docket No. 23908-501



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Rina Goldshtein
SERIAL NUMBER: 09/966,847 EXAMINER : Patrick T. Lewis
FILING DATE: September 28, 2001 ART UNIT : 1623
FOR: HYDROPHILIC COMPLEXES OF LIPOPHILIC MATERIALS AND
AN APPARATUS AND METHOD FOR THEIR PRODUCTION

Mail Stop IDS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

1. Supplemental Information Disclosure Statement (1 page), in duplicate;
2. Modified Form 1449/PTO (2 pages), in duplicate;
3. Copies of Cited References A21; B1-4; C1-12; and
4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 22908-501. A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,

David E. Johnson, Reg. No. 41,874
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants make of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are enclosed.

The documents made of record were cited in a communication from a foreign patent office in a counterpart foreign application. The communication was received less than three months from the date on which this Supplemental Information Disclosure Statement is submitted. Accordingly, no fee or certification is believed due. However, please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311 Reference No. 23908-501.

Respectfully submitted,

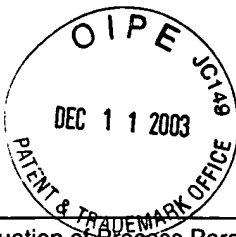
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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number		09/966,845	
				Filing Date		September 28, 2001	
				First Named Inventor		Goldshtein	
				Group Art Unit		1623	
				Examiner Name		Patrick T. Lewis	
				Attorney Docket Number		23908-501	
U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A21	5,766,635 A	06/16/98	Spentleuhauer, et al.	424	489	
U.S. PUBLISHED APPLICATION DOCUMENTS							
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No		
	B1	WO 97/04756	NANOSYSTEMS, LLC	02/13/97			
	B2	WO 97/10849	SAM YANG CO., LTD.	03/27/97			
	B3	WO 00/74658 A1	MEDINOVA MEDICAL CONSULTING GMBH	12/14/00			
	B4	EP 1 127 570 A2	NANOCARRIER CO., LTD.	08/29/01			
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
	C1	Akiyoshi, et al., "Hydrogel Nanoparticle Formed by Self-Assembly of Hydrophobized Polysaccharide. Stabilization of Adriamycin by Complexation", <i>Eur. J. Pharm. Biopharm.</i> , 42(4):286-290 (1996).					
	C2	Allémann, et al., "Drug-Loaded Nanoparticles - Preparation Methods and Drug Targeting Issues", <i>Eur. J. Pharm. Biopharm.</i> , 39(5):173-191 (1993).					
	C3	Chung, et al., "Thermo-Responsive Drug Delivery from Polymeric Micelles Constructed Using Block Copolymers of Poly(N-Isopropylacrylamide) and Poly(Butylmethacrylate)", <i>J. Controlled Release</i> , 62(1-2):115-127 (1999).					
	C4	Database WPI, Section Ch, Week 200041, Abstract , Derwent Publications Ltd., London, GB, Class A96, AN 1993-290554, XP-002248301 & Jp. 03 072340 B (Pola Chem. Ind. Inc.) July 2000.					
	C5	Invitation to Pay Additional Fees (Form PCT/ISA/206) for PCT/IB02/04176 mailed November 4, 2003.					
	C6	Jones, et al., "Polymeric Micelles - A New Generation of Colloidal Drug Carriers", <i>Eur. J. Pharm. Biopharm.</i> , 48(2):101-111 (1999).					
	C7	Jung, et al., "Sulfobutylated Poly(Vinyl Alcohol)-Graft-Poly(Lactide-co-Glycolide)s Facilitate the Preparation of Small Negatively Charged Biodegradable Nanospheres", <i>J. Controlled Release</i> , 67(2-3):157-169 (2000).					
	C8	Kwon, et al., "Block Copolymer Micelles for Drug Delivery: Loading and Release of Doxorubicin", <i>Journal of Controlled Release</i> , 48(2-3):195-201 (1997).					
	C9	Labhasetwar, et al., "Nanoparticles - A Colloidal Drug Delivery System for Primaquine and Metronidazole", <i>J. Controlled Release</i> , 12(2):113-119 (1990).					

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Attorney Docket No.: 23908-501

C10	Pavanetoo, et al., "Evaluation of Process Parameters Involved in Chitosan Microsphere Preparation by the o/w/o Multiple Emulsion", <i>J. Microencapsulation</i> , 13(6):679-688 (1996).
C11	Rolland, et al., "New Macromolecular Carriers for Drugs. I. Preparation and Characterization of Poly(Oxiethylene-b-Isoprene-b-Oxyethylene) Block Copolymer Aggregates", <i>J. Applied Polymer Sci.</i> , 44(7):1195-1203 (1992).
C12	Zhang, et al., "Increase in Gentamicin Uptake by Cultured Mouse Peritoneal Macrophages and Rat Hepatocytes by its Binding to Polybutylcyanoacrylate Nanoparticles", <i>Intl. J. Pharm.</i> , 164(1-2):21-27 (1998).

A copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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